Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) A control system for a hydrogen addition internal combustion engine that uses hydrocarbon fuel and hydrogen gas as combustion fuel, said control system comprising:

a canister for adsorbing fuel vapor generated in a tank for storing said hydrocarbon fuel;

purge means for purging said fuel vapor into an intake path of said hydrogen addition internal combustion engine in a predefined situation;

hydrogen addition ratio setup means for setting the ratio of hydrogen gas addition to said hydrocarbon fuel; and

hydrogen gas addition ratio adjustment means for increasing said ratio of hydrogen gas addition when said fuel vapor is purged into said intake path.

2. (Original) The control system for said hydrogen addition internal combustion engine according to claim 1, wherein said hydrogen gas addition ratio adjustment means increases said ratio of hydrogen gas addition when the amount of fuel vapor purge into said intake path is not smaller than a predetermined value.

3. (New) A control system for a hydrogen addition internal combustion engine that uses hydrocarbon fuel and hydrogen gas as combustion fuel, said control system comprising:

a canister for adsorbing fuel vapor generated in a tank for storing said hydrocarbon fuel;

purge unit for purging said fuel vapor into an intake path of said hydrogen addition internal combustion engine in a predefined situation;

hydrogen addition ratio setup unit for setting the ratio of hydrogen gas addition to said hydrocarbon fuel; and

hydrogen gas addition ratio adjustment unit for increasing said ratio of hydrogen gas addition when said fuel vapor is purged into said intake path.

4. (New) The control system for said hydrogen addition internal combustion engine according to claim 3, wherein said hydrogen gas addition ratio adjustment unit increases said ratio of hydrogen gas addition when the amount of fuel vapor purge into said intake path is not smaller than a predetermined value.